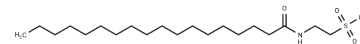


N-Stearoyl Taurine

Chemical Properties

CAS No. :	63155-80-6
Formula:	C ₂₀ H ₄₁ NO ₄ S
Molecular Weight:	391.61
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	N-Arachidonoyl dopamine (NADA) and N-Arachidonoyl serine (ARA-S), among various arachidonoyl amino acids, have been extracted from bovine brain, while a novel series of fatty acyl amides of taurine were unearthed in rat brain through mass spectral lipidomic analysis, indicating the discovery of a new class of compounds also located in the kidney. These compounds are known to activate members of the transient receptor potential (TRP) family of calcium channels. Notably, N-Stearoyl taurine emerges as a significant amino-acyl endocannabinoid identified in rat brain lipidomics profiling.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5536 mL	12.7678 mL	25.5356 mL
5 mM	0.5107 mL	2.5536 mL	5.1071 mL
10 mM	0.2554 mL	1.2768 mL	2.5536 mL
50 mM	0.0511 mL	0.2554 mL	0.5107 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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